

WHAT IS CLAIMED IS:

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1. In an electro photo multi functional peripheral apparatus comprising:
a main body having an optional auxiliary device located at one side thereof;
a feeding unit for feeding sheets of recording paper, located at an other side of
the main body;
a feeding cassette mounted at a lower portion of the main body; and
a feeding unit assembly removably mounted at a central portion of the main
body, for transporting the sheets of recording paper from the feeding
unit;

the improvement comprising:

a means for increasing expansibility of the optional auxiliary device, said means
comprising a first paper transport path, a second, and a third paper
transport paths for discharging the sheets of recording paper fed from
the optional auxiliary device.

2. In an electro photo multi functional peripheral apparatus comprising:
a main body having an optional auxiliary device located at one side thereof;

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a feeding unit for feeding sheets of recording paper, located at an other side of
the main body;

a feeding unit assembly removably mounted at a central portion of the main
body, for transporting the sheets of recording paper from the feeding
unit,

the improvement comprising:

a feeding unit assembly comprising a jammed paper removing means for easily
removing a jammed sheet of paper.

3. The apparatus of claim 2, wherein said jammed paper removing means
comprises:

a rectangular base member;

at least one cover plate mounted on an upper face of the base member;

paper feeding means for feeding the sheets of recording paper, said paper

feeding means mounted at the base member and the cover plate; and

a guiding means for guiding a backward and forward movement of the feeding
unit assembly.

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4. The apparatus of claims 3, wherein said paper feeding means comprises:
a plurality of powered feeding rollers mounted on a rear side of the base
member; and
a plurality of pinch rollers rotatably mounted at the cover plates located
opposite the feeding rollers.

5. The apparatus of claims 4, wherein at least one cover plate of said jammed
paper removing means comprises a hinge shaft centrally located in said cover plate,
said hinge shaft adapted for revolving said cover plate, and wherein an elastic
member is provided between the cover plate and the base member.

6. The apparatus of claim 3, wherein the guiding means is a pair of guiding
rollers rotatably mounted at the base member.

7. The apparatus of claim 3, comprising a front cover fixed to a front face of
the base member, the front cover comprising a grasping groove at a central portion
thereof to facilitate receiving and withdrawing the feeding unit assembly.

1 8. The apparatus of claim 3, further comprising:

2 a plurality of position guiding members fixed to a rear side of the base
3 member; and

4 a corresponding plurality of position guiding holes formed at an inner portion
5 of the main body, into which the position guiding members are
6 respectively inserted.

7 9. A method of facilitating removal of a paper jam in an electro photo multi
functional peripheral apparatus comprising:

said method comprising the steps of:

(1) providing the apparatus with a jammed paper removing means for
easily removing a jammed sheet of paper.

(2) detecting a paper jam; and

(3) operating the jammed paper removing means in a manner such that
the jammed paper is removed.

1 10. The method of claim 9, wherein said jammed paper removing means
2 comprising:

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a rectangular base member;

at least one cover plate mounted on an upper face of the base member;

paper feeding means for feeding the sheets of recording paper, said paper

feeding means mounted at the base member and the cover plate; and

a guiding means for guiding a backward and forward movement of the feeding

unit assembly.

11. The method of claim 10, wherein said jammed paper removing means comprising:

a plurality of powered feeding rollers mounted on a rear side of the base member; and

a plurality of pinch rollers rotatably mounted at the cover plates located opposite the feeding rollers.

12. The method of claim 11, wherein said jammed paper removing means comprising at least one cover plate of said jammed paper removing means comprises a hinge shaft centrally located in said cover plate, said hinge shaft adapted for revolving said cover plate, and wherein an elastic member is provided between the

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cover plate and the base member.

1 13. A process for manufacturing an electro photo multifunction apparatus, said
2 process comprising the steps of:

3 (1) providing a main body having an optional auxiliary device located at one
4 side thereof;

5 (2) providing a feeding unit for feeding sheets of recording paper, located at
an other side of the main body; and

6 (3) providing a feeding unit assembly removably mounted at a central portion
7 of the main body, for transporting the sheets of recording paper from the feeding unit,
8 *the improvement in said process comprising:* providing said feeding unit assembly
9 with a jammed paper removing means for easily removing a jammed sheet of
10 paper.
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12 14. The process of claim 13, wherein said jammed paper removing means
13 comprises:

14 a rectangular base member;

15 at least one cover plate mounted on an upper face of the base member;

5 ~~paper feeding means for feeding the sheets of recording paper, said paper~~
6 ~~feeding means mounted at the base member and the cover plate; and~~
7 ~~a guiding means for guiding a backward and forward movement of the feeding~~
8 ~~unit assembly.~~

1 15. The process of claim 13, wherein said paper feeding means comprises:
2 a plurality of powered feeding rollers mounted on a rear side of the base
3 member; and
4 a plurality of pinch rollers rotatably mounted at the cover plates located
5 opposite the feeding rollers.

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6 16. The process of claim 14, wherein at least one cover plate of said jammed
7 paper removing means comprises a hinge shaft centrally located in said cover plate,
8 said hinge shaft adapted for revolving said cover plate, and wherein an elastic
9 member is provided between the cover plate and the base member.

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10 17. The process of claim 13, wherein the guiding means is a pair of guiding
11 rollers rotatably mounted at the base member.

1 18. The process of claim 13, wherein said jammed paper removing means
2 comprises a front cover fixed to a front face of the base member, the front cover
3 comprising a grasping groove at a central portion thereof to facilitate receiving and
4 withdrawing the feeding unit assembly.

1 19 The process of claim 13, wherein said jammed paper removing means
2 comprises:
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5 a plurality of position guiding members fixed to a rear side of the base
6 member; and
7

8 a corresponding plurality of position guiding holes formed at an inner portion
9 of the main body, into which the position guiding members are
10 respectively inserted.